



**U.S. Department of Labor**  
Occupational Safety and Health Administration  
(Non-Mandatory Form)

**Material Safety Data Sheet**  
May be used to comply with  
OSHA's Hazard Communication Standard  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

IDENTITY (As Used on Label and List) <b>ARDEX SD-M DESIGNER FLOOR FINISH - GRAY</b>	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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**Section I**

Manufacturer's Name <b>ARDEX ENGINEERED CEMENTS</b>	Emergency Telephone Number <b>(800) 255-3924</b>
Address (Number, Street, City, State and Zip Code) <b>400 Ardex Park Drive Aliquippa, PA 15001 U.S.A.</b>	Telephone Number for Information <b>(724) 857-6400</b>
	Date Prepared <b>4/1/2005</b>
	Signature of Preparer (Optional)

**Section II – Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
40% MAX PORTLAND CEMENT 65997-15-1	10MG/M <sup>3</sup>	10MG/M <sup>3</sup>		
45% MAX LIMESTONE 1317-65-3	N/A	30 MPPCF		
20% MAX VINYL ACETATE COPOLYMER 24937-78-8	10MG/M <sup>3</sup>	10 MG/M <sup>3</sup>		

**Section III – Physical/Chemical Characteristics**

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	1.2
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water  
**Less than 50 g/1000 cm<sup>3</sup>**

Appearance and Odor  
**FINE GRAY POWDER - ODORLESS**

**Section IV – Fire and Explosion Hazard Data**

Flash Point (Method Used) <b>NON-FLAMMABLE</b>	Flammable Limits <b>N/A</b>	LEL <b>N/A</b>	UEL <b>N/A</b>
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Extinguishing Media  
**WILL NOT BURN**

Special Fire Fighting Procedures  
**NONE**

Unusual Fire and Explosion Hazards  
**NONE**

**Section V – Reactivity Data**

Stability	Unstable	<input type="checkbox"/>	Conditions to Avoid
	Stable	<input checked="" type="checkbox"/>	<b>NONE</b>

Incompatibility (Materials to Avoid)  
**NONE**

Hazardous Decomposition or Byproducts  
**NONE**

Hazardous Polymerization	May Occur	<input type="checkbox"/>	Conditions to Avoid
	Will Not Occur	<input checked="" type="checkbox"/>	<b>NONE</b>

**Section VI – Health Hazard Data**

Route(s) of Entry	Inhalation? YES	Skin? YES	Ingestion? YES
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Health Hazards (*Acute and Chronic*)

EXCESSIVE OR LONG-TERM INHALATION MAY CAUSE IRRITATION TO NOSE, THROAT AND RESPIRATORY PASSAGES.

Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
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## Signs and Symptoms of Exposure

EXPOSURE TO SKIN OR EYES MAY CAUSE RASH OR IRRITATION. INHALATION MAY CAUSE COUGH, SHORTNESS OF BREATH, WHEEZING AND REDUCED PULMONARY FUNCTION.

## Medical Conditions Generally Aggravated by Exposure

ALLERGIES TO PORTLAND CEMENT OR INDIVIDUALS WITH RESPIRATORY DISEASE OR SUBJECT TO EYE IRRITATION.

Emergency First Aid Procedures: SEEK MEDICAL ATTENTION. INHALATION MAY RESULT IN RESPIRATORY IRRITATION - REMOVE TO FRESH AIR. SKIN WASH WITH SOAP AND WATER. EYES - FLUSH WITH WATER. INGESTION - DILUTE WITH WATER.

**Section VII – Precautions for Safe Handling and Use**

## Steps to Be Taken in Case Material is Released or Spilled

COLLECT USING DUSTLESS METHOD (HEPA VACUUM OR WET METHOD). WHERE APPROPRIATE – PROTECTIVE EQUIPMENT – COLLECT FOR DISPOSAL.

## Waste Disposal Method

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE/PROVINCIAL AND FEDERAL REGULATIONS.

## Precautions to Be Taken in Handling and Storing

NONE. STORE IN A COOL, DRY AREA. USE NORMAL PRECAUTIONS AGAINST BAG BREAKAGE. USE GOOD HOUSEKEEPING TO PREVENT DUST ACCUMULATION.

## Other Precautions

DO NOT BREATHE DUST.

**Section VIII – Control Measures**Respiratory Protection (*Specify Type*)

WEAR A NIOSH/MSHA APPROVED RESPIRATOR SUCH AS A 3M DUST MASK #8710 DURING MIXING.

Ventilation	Local Exhaust TO CONTROL TO RECOMMENDED P.E.L.	Special N/A
	Mechanical ( <i>General</i> ) N/A	Other N/A

Protective Gloves RECOMMENDED	Eye Protection RECOMMENDED
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## Other Protective Clothing or Equipment

AS APPROPRIATE FOR WORK ENVIRONMENT. COVERALLS, APRON AND BOOTS TO PREVENT CONTACT.

## Work/Hygienic Practices

DUSTY CLOTHING SHOULD BE LAUNDERED BEFORE REUSE. WHEN FINISHED SHOWER WITH SOAP AND WATER TO REMOVE DUST.